

**Blast 2 Sequences results**[PubMed](#)[Entrez](#)[BLAST](#)[OMIM](#)[Taxonomy](#)[Structure](#)**BLAST 2 SEQUENCES RESULTS VERSION BLASTP 2.2.18 [Mar-02-2008]**

Matrix BLOSUM62 gap open: 11 gap extension: 1

x\_dropoff: 0 expect: 10.0000 wordsize: 3 [Filter](#) ☒ View option Standard

Masking character option X for protein, n for nucleotide Masking color option Black








☐ Show CDS translation [Align](#)

**Sequence 1:** unnamed protein product - *human soluble epoxide hydrolase*  
Length = 556

**Sequence 2:** unnamed protein product - *human retn*  
Length = 406

**No significant similarity was found**

CPU time: 0.03 user secs. 0.02 sys. secs 0.05 total secs.


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Range: from **begin** to **end** Features: ☒ CDD

☐ 1: AAG14968. Reports soluble epoxide h...[gi:10197684]

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**Features** **Sequence**

LOCUS AAG14968 556 aa linear PRI 20-SEP-2000  
 DEFINITION soluble epoxide hydrolase [Homo sapiens].  
 ACCESSION AAG14968  
 VERSION AAG14968.1 GI:10197684  
 DBSOURCE locus AF233336 accession AF233336.1  
 KEYWORDS .  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Euarchontoglires; Primates; Haplorrhini;  
 Catarrhini; Hominidae; Homo.  
 REFERENCE 1 (residues 1 to 556)  
 AUTHORS Sandberg, M., Hassett, C., Adman, E.T., Meijer, J. and Omiecinski, C.J.  
 TITLE Identification and functional characterization of human soluble  
 epoxide hydrolase genetic polymorphisms  
 JOURNAL J. Biol. Chem. 275 (37), 28873-28881 (2000)  
 PUBMED 10862610  
 REFERENCE 2 (residues 1 to 556)  
 AUTHORS Hassett, C.  
 TITLE Direct Submission  
 JOURNAL Submitted (10-FEB-2000) Environmental Health, University of  
 Washington, 4225 Roosevelt Way NE #100, Seattle, WA 98105, USA  
 COMMENT Method: conceptual translation supplied by author.  
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found in a very wide range of enzymes; pfam00561"
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## ORIGIN



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121 iltntwlddr aerdglaqlm celkmhfdfl iescqvgmvk pepqiykfl dtlkaspsev
181 vflddiganl kpardlgmvt ilvqdttdal kelektvtgiq llntpaplpt scnpsdmshg
241 yvtvkprvrl hfvelsgpa vclchgfpes wyswryqipa laqagyrvla mdmkgygess
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421 hkvceagglf vnspeepsls rmvteeeiqf yvqqfkksgf rgplnwyrnm ernnwkwacks
481 lgrkilipal mvtaekdfvl vpqmsqhmed wiphlkrghi edcghwtqmd kptevnqili
541 kwldsdarnp pvvskm
```

//

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PubMed Nucleotide Protein Genome Structure PMC Taxonomy OMIM Books

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Range: from begin to end Features: ☒ CDD + Refresh

☐ 1: AAA60363. Reports renin [Homo sapiens...[gi:190994]

BLink. Conserved  
Domains, Links

## Features Sequence

LOCUS AAA60363 406 aa linear PRI 21-OCT-2002  
 DEFINITION renin [Homo sapiens].  
 ACCESSION AAA60363  
 VERSION AAA60363.1 GI:190994  
 DBSOURCE locus HUMREN01 accession [L00064.1](#)  
 locus HUMREN02 accession [L00065.1](#)  
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 locus HUMREN05 accession [L00068.1](#)  
 locus HUMREN06 accession [L00069.1](#)  
 locus HUMREN07 accession [L00070.1](#)  
 locus HUMREN08 accession [L00071.1](#)  
 locus HUMREN09 accession [L00072.1](#)  
 locus HUMREN10 accession [L00073.1](#)

KEYWORDS .  
 SOURCE Homo sapiens (human)  
 ORGANISM *Homo sapiens*  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Euarchontoglires; Primates; Haplorrhini;  
 Catarrhini; Hominidae; Homo.  
 REFERENCE 1 (residues 1 to 406)  
 AUTHORS Miyazaki,H., Fukamizu,A., Hirose,S., Hayashi,T., Hori,H.,  
 Ohkubo,H., Nakanishi,S. and Murakami,K.  
 TITLE Structure of the human renin gene  
 JOURNAL Proc. Natl. Acad. Sci. U.S.A. 81 (19), 5999-6003 (1984)  
 PUBMED [6091130](#)  
 COMMENT Method: conceptual translation.  
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 L00072.1:34..132,L00073.1:71..232)"

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